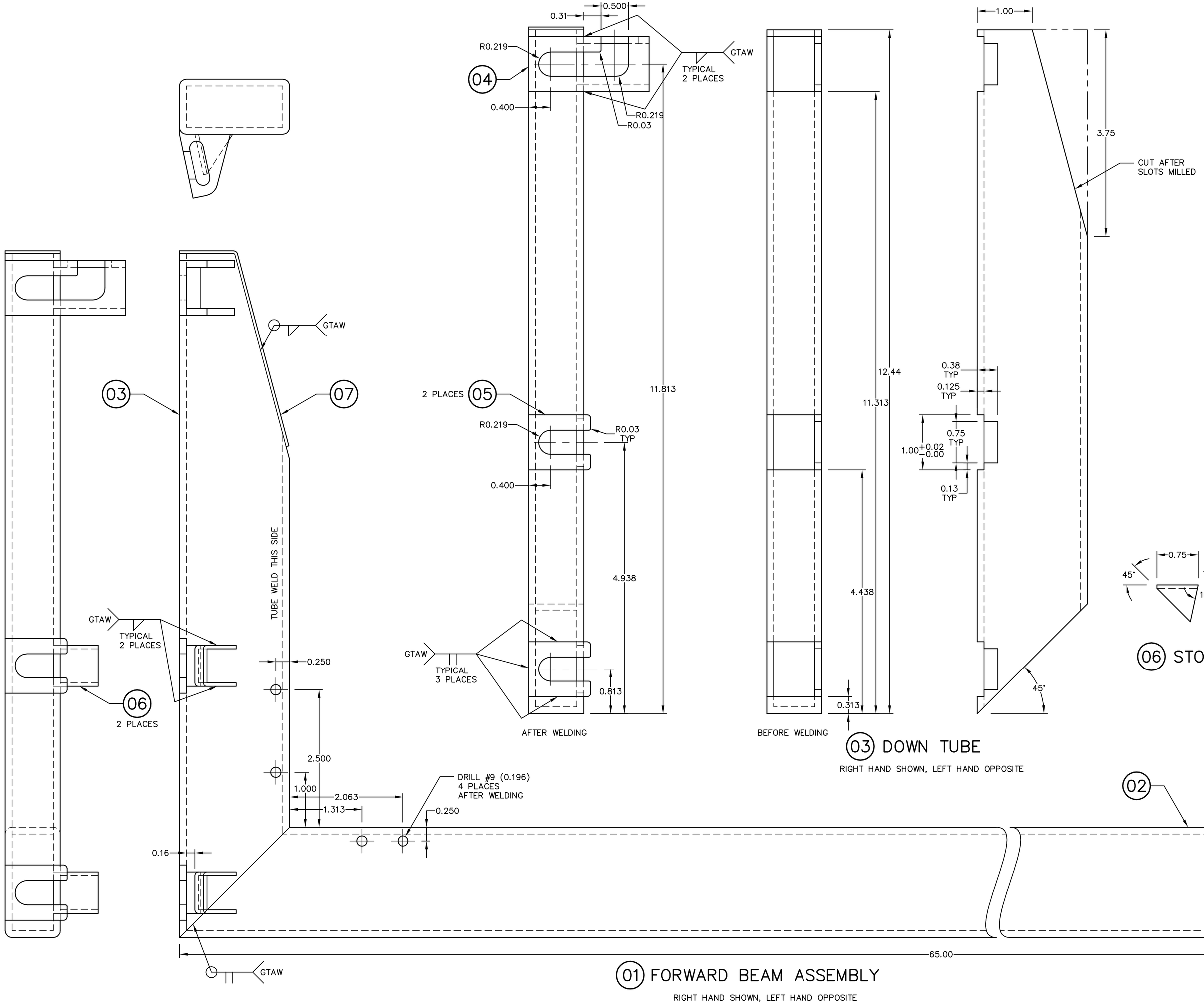
THIS DRAWING CONTAINING INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; ALTERNATE FINISH ADDED	BJC	11/04/2014



01 FORWARD BEAM ASSEMBLY

RIGHT HAND SHOWN, LEFT HAND OPPOSITE

03 DOWN TUBE

RIGHT HAND SHOWN, LEFT HAND OPPOSITE

08 BUSHING

07 CAP

06 STOP BRACKET

05 PAD

04 HOOK

RIGHT HAND SHOWN, LEFT HAND OPPOSITE

NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.
2. TIGHTEN #10–32 SCREW TO 20–25 INCH–POUNDS.
3. WELDING OF 304 STAINLESS STEEL TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
4. THOROUGHLY DEGREASE AND POWDER COAT ALL STEEL PARTS AFTER WELDING. ALTERNATE: THOROUGHLY DEGREASE, EPOXY PRIME AND POLYURETHANE PAINT ALL STEEL PARTS AFTER WELDING.

03-02 QTY	03-01 QTY	01-02 QTY	01-01 QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
		1	1	95930–08	08	BUSHING	316 STAINLESS STEEL	ASTM A269	0.625 X 0.120 RND TUBE
		1	1	95930–07	07	CAP	304 STAINLESS STEEL	AMS 5513	0.050 SHEET
		2	2	95930–06	06	STOP BRACKET	304 STAINLESS STEEL	ASTM A554	0.75 X 0.035 SQR. TUBE
2	2			95930–05	05	PAD	304 STAINLESS STEEL	ASTM A479	1 X 0.125 BAR
1				95930–04–02	04	LH HOOK	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
	1			95930–04–01	04	RH HOOK	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
		1		95930–03–02	03	LH DOWN TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
			1	95930–03–01	03	RH DOWN TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
			1	95930–02	02	TUBE	304 STAINLESS STEEL	ASTM A554	1 X 2 X 0.125 TUBE
				95930–01–02	01	LH FORWARD BEAM ASSEMBLY			
				95930–01–01	01	RH FORWARD BEAM ASSEMBLY			

LIST OF MATERIALS

APPROVALS	DATE
DRAWN: JEFF CLARKE	05 SEPT 2012
CHECKED: E. BURGOIN	10 NOV 2012

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
TOLERANCES ON:

DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

AERO DESIGN LTD.
9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.483.2376 www.aerodesign.ca

BELL 429 – S/N 57001 THRU 57080
QUICK RELEASE CARGO BASKET
FORWARD BEAM FABRICATION

SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	95930	1